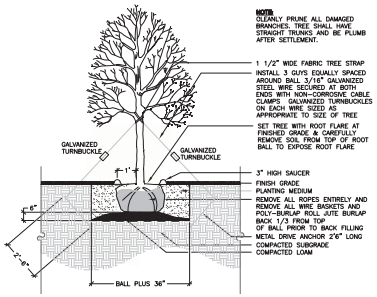
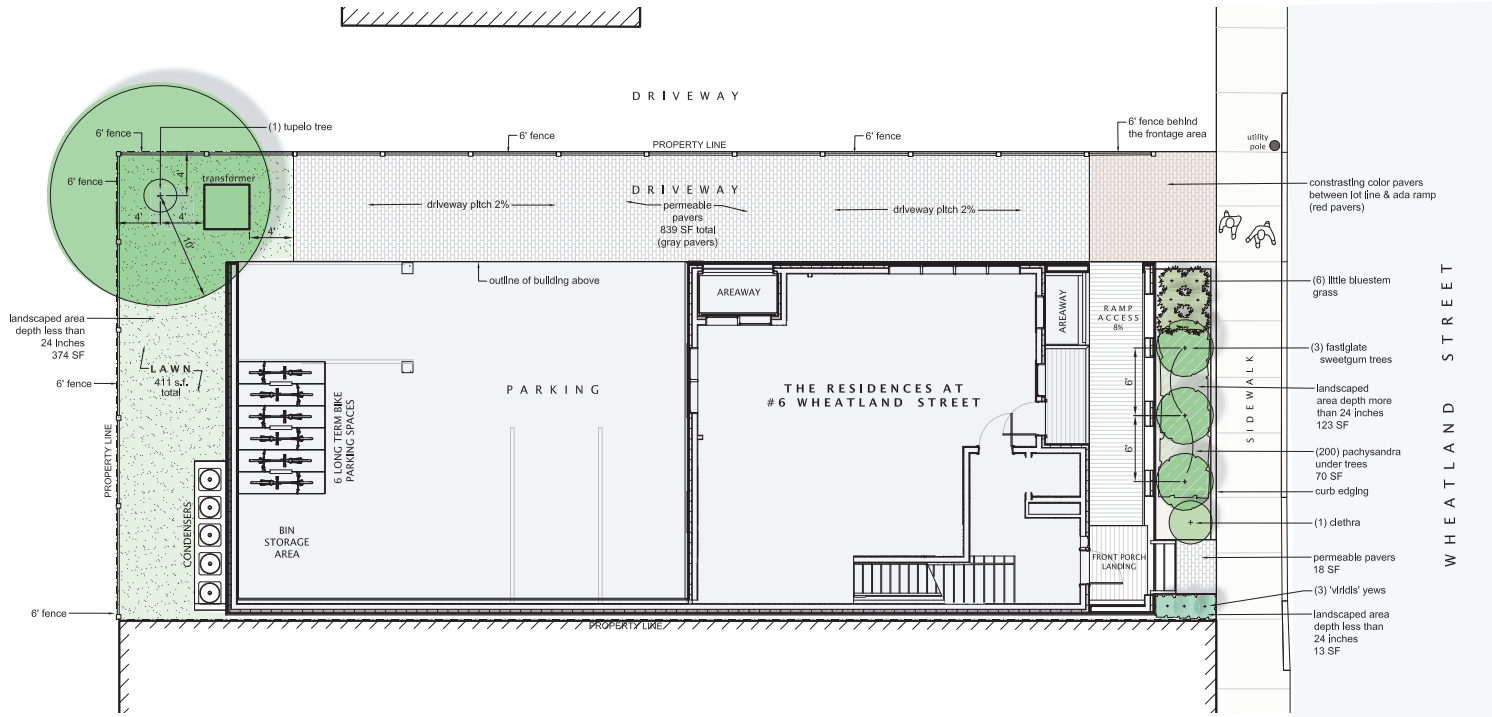


NOTE: Measure the height of the root ball and subtract 2 inches from this. Dig your planting hole to this depth. DO NOT go deeper than this measurement, as a hole too deep will bury the root flare and prevent your tree from taking root and growing successfully. Dig your hole 2 – 5 times wider than the size of the root ball as well to allow roots to spread once planted.

Tree Planting Section



Somerville Green Score

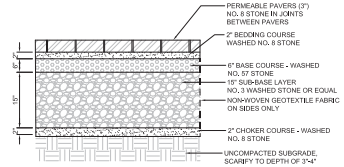
DIRECTIONS:

1. Enter the Lot Area in square feet to the right >>>
2. Enter the area in square feet or the number of landscape elements

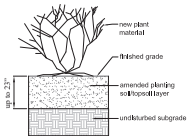
Lot Area: 4,250

	Area or Number	Sq Ft Credit	Multiplier	Weighted Area	Score Value
Soils					
Landscaped area with a soil depth less than 24 inches **(Rear yard)**	411	actual sq ft	0.3	123.3	0.029
Landscaped area with a soil depth equal to or greater than 24 inches **(Front Plant Bed)**	123	actual sq ft	0.6	73.8	0.017
Pervious Paving with 6 to 24 inches of subsurface soil or gravel	0	actual sq ft	0.2	0	0.000
Pervious Paving with more than 24 inches of subsurface soil or gravel	857	actual sq ft	0.5	428.5	0.101
Groundcovers					
Turf grass, mulch, and inorganic surfacing materials *(enter square feet)*	7	actual sq ft	0.1	0.7	0.000
Plants					
Vegetation less than two (2) feet tall at maturity **Publicly Visible Landscape + .01 multiplier**	70	actual sq ft	0.3	21	0.005
Vegetation at least two (2) feet tall at maturity *(enter number of individual plants)*	0	12	0.3	0	0.000
Vegetation at least two (2) feet tall at maturity **Publicly Visible Landscape + .01 multiplier**	10	12	0.4	48	0.011
Trees					
Small Tree *(enter number of trees)*	0	50	0.6	0	0.000
Small Tree **Publicly Visible**	3	50	0.7	105	0.025
Large Tree **Native Species**	1	450	0.7	315	0.074
Preserved Tree *(enter DBH)*	0	65	0.8	0	0.000
Engineered Landscape					
Vegetated Wall *(enter square feet)*	0	actual sq ft	0.1	0	0.000
Rain gardens, bioswales, and stormwater planters *(enter square feet)*	0	actual sq ft	1.0	0	0.000
Green Roof with up to 6" of growth medium *(enter square feet)*	0	actual sq ft	0.1	0	0.000
Green Roof with 6"-10" of growth medium *(enter square feet)*	0	actual sq ft	0.4	0	0.000
Green Roof of 10"-24" growth medium *(enter square feet)*	0	actual sq ft	0.6	0	0.000
Green Roof of over 24" growth medium	0	Calculate as if soils, groundcovers, plants, and trees			

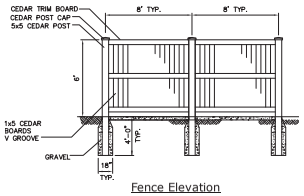
Green Score = 0.262



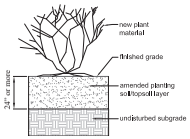
Permeable Paver Section
more than 24" base courses



Plant Bed & Mulchbed
up to or less than 24" soil



Fence Elevation



Plant Bed & Mulchbed
24" or more soil

Plant List

NEW PLANTS

Quan	Botanical Name	Common Name	Size	Notes
1	Nyssa Sylvatica	Tupelo Tree	2" caliper 10' HT. MIN.	B&B, LARGE TREE, Grows to 20' wide
1	Clethra alnifolia 'Ruby Spice'	Sweet Pepperbush	5 Gallon	POLLINATOR, Grows more than 2' + tall
3	Liquidambar styraciflua 'Slender Silhouette'	Slender Silhouette Fastigiate Sweetgum	2" caliper 10' HT. MIN.	POLLINATOR, SMALL TREE, Grows to 5' to 6' wide
200	Pachysandra terminalis	Japanese Spurge	In flats of 100	Grows less than 2' + tall
6	Schizachyrium scoparium	Little Bluestem Grass	3 Gallon	POLLINATOR, Grows more than 2' + tall
3	Taxus x media 'Viridis'	Viridis Yew	6' HT.	B&B, Grows more than 2' + tall

TOP SOIL SPECIFICATIONS:

1. Loam shall be a natural, fertile, friable soil, typical of productive soils in the vicinity, obtained from naturally well drained areas, neither excessively acid nor alkaline, and containing no substances harmful to grass growth. Loam shall not be delivered to the site in frozen or muddy condition and shall be reasonably free of stumps, roots, heavy or stiff clay, stones larger than 1 inch in diameter, lumps, coarse sand, noxious weeds, sticks, brush or other litter.

2. The loam shall contain not less than 84 percent organic matter, as determined by the loss of weight by ignition of oven-dried samples. Test samples shall be oven dried to a constant weight at a temperature of 230 degrees F.

3. The loam shall have a maximum permeability of 3.7 x 10-4 centimeters per second as determined by ASTM D 5084.2434.

3/16"=1'-0"
0' 16'

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LANDSCAPE PLAN L-1

April 20, 2026